

GenCore version 4.5  
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OM nucleic - nucleic search, using sw model

Run on: September 23, 2001, 07:40:56 : Search time 192.58 Seconds  
(without alignments)  
20.644 Million cell updates/sec

Title: US-08-978-217-13

Perfect score: 21

Sequence: 1 CCGGACATCTCATCCACC 21

Scoring table: IDENTITY\_NUC

Searched: Gapop 10.0 , Gapext 1.0

Total number of hits satisfying chosen parameters: 649198

Minimum DB seq length: 0  
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database :

1: /cgn2\_6/ptodata/2/ina/5A.COMB.seq:\*  
2: /cgn2\_6/ptodata/2/ina/5B.COMB.seq:\*  
3: /cgn2\_6/ptodata/2/ina/6A.COMB.seq:\*  
4: /cgn2\_6/ptodata/2/ina/6B.COMB.seq:\*  
5: /cgn2\_6/ptodata/2/ina/PCrUS.COMB.seq:\*  
6: /cgn2\_6/ptodata/2/ina/backfilest1.seq:\*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	21	100.0	1920	1 US-08-746-789A-1	Sequence 1, Appl1
2	16.2	77.1	165	1 US-08-456-647B-1	Sequence 1, Appl1
3	16.2	77.1	165	2 US-08-237-401A-1	Sequence 1, Appl1
4	16.2	77.1	1228	3 US-08-826-246-9	Sequence 9, Appl1
5	16.2	77.1	1228	3 US-08-944-495-9	Sequence 9, Appl1
6	16.2	77.1	1228	3 US-09-126-640-5	Sequence 5, Appl1
7	16.2	77.1	1228	4 US-08-925-588-9	Sequence 9, Appl1
8	15.8	75.2	718	4 US-08-998-416-682	Sequence 682, App
9	15.2	72.4	1320	2 US-08-461-775-8	Sequence 8, Appl1
10	15.2	72.4	1320	3 US-09-031-606-8	Sequence 8, Appl1
11	15.2	72.4	1515	4 US-09-292-768-5	Sequence 10, Appl
12	15.2	72.4	1620	2 US-08-461-775-10	Sequence 10, Appl
13	15.2	72.4	1620	3 US-09-031-606-10	Sequence 10, Appl
14	15.2	72.4	1665	3 US-08-881-784-8	Sequence 3, Appl1
15	15.2	72.4	1665	4 US-09-292-768-3	Sequence 3, Appl1
16	15.2	72.4	1665	4 US-09-292-768-67	Sequence 67, Appl
17	15.2	72.4	1977	2 US-08-574-959A-3	Sequence 69, Appl
18	15.2	72.4	2167	2 US-08-461-775-9	Sequence 9, Appl1
19	15.2	72.4	2167	3 US-09-031-606-9	Sequence 9, Appl1
20	15.2	72.4	2668	2 US-08-461-775-11	Sequence 11, Appl
21	15.2	72.4	2668	3 US-09-031-606-11	Sequence 11, Appl
22	15.2	72.4	2680	4 US-09-063-035-1	Sequence 1, Appl1
23	15.2	72.4	10763	1 US-08-761-258-1	Sequence 1, Appl1
24	15.2	72.4	10763	2 US-08-977-306-1	Sequence 1, Appl1
25	15.2	72.4	1801	1 US-08-557-917A-1	Sequence 1, Appl1
26	14.8	70.5	1801	3 US-09-084-153-1	Sequence 1, Appl1
27	14.8	70.5	1801	3 US-09-084-153-1	Sequence 1, Appl1

28	14.8	70.5	1801	3 US-09-084-079-1	Sequence 1, Appl1
29	14.8	70.5	2243	3 US-09-084-079-4	Sequence 4, Appl1
30	14.8	70.5	2896	1 US-08-441-430-31	Sequence 31, Appl
31	14.8	70.5	2995	1 US-08-441-430-32	Sequence 32, Appl
32	14.8	70.5	6831	2 US-08-609-049A-27	Sequence 27, Appl
33	14.6	69.5	22	2 US-08-747-536-22	Sequence 22, Appl
34	14.6	69.5	37	1 US-08-303-004-6	Sequence 6, Appl1
35	14.6	69.5	206	1 US-07-670-611-12	Sequence 12, Appl
36	14.6	69.5	206	1 US-08-220-674-12	Sequence 12, Appl
37	14.6	69.5	206	1 US-08-445-186-12	Sequence 12, Appl
38	14.6	69.5	206	1 US-08-446-549-12	Sequence 12, Appl
39	14.6	69.5	206	2 US-08-446-550-12	Sequence 12, Appl
40	14.6	69.5	732	4 US-08-998-416-903	Sequence 903, App
41	14.6	69.5	1081	2 US-09-016-366A-22	Sequence 22, Appl
42	14.6	69.5	1081	2 US-08-978-404B-17	Sequence 17, Appl
43	14.6	69.5	1128	2 US-09-016-366A-20	Sequence 20, Appl
44	14.6	69.5	1128	2 US-08-978-404B-15	Sequence 15, Appl
45	14.6	69.5	1137	2 US-09-016-366A-18	Sequence 18, Appl

## ALIGNMENTS

RESULT 1  
US-08-746-789A-1  
; Sequence 1, Application US/08746789A  
; Patent No. 5789200  
; GENERAL INFORMATION:  
; APPLICANT: Ismail Kola, Martin J. Tyms, Christine Debouck  
; TITLE OF INVENTION: A No. 5789200el Human ETS Family Member, ELF3  
; NUMBER OF SEQUENCES: 4  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Smithline Beecham Corporation  
; STREET: 709 Swedeland Road, P.O. Box 1539  
; CITY: King of Prussia  
; STATE: PA  
; COUNTRY: USA  
; ZIP: 19406-0939  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
; COMPUTER: IBM 486  
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS  
; SOFTWARE: MICROSOFT WORD  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/746/789A  
; FILING DATE: NO. 5789200eluber 15, 1996  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER:  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: William T. Han  
; REGISTRATION NUMBER: 34,344  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 610 270 5219  
; TELEFAX: 610 270 4026  
; INFORMATION FOR SEQ ID NO: 1:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 1920  
; TYPE: Nucleic Acid  
; STRANDEDNESS: Single  
; TOPOLOGY: linear  
; ANTI-SENSE: NO  
; US-08-746-789A-1

Query Match 100.0%; Score 21; DB 1; Length 1920;  
Best local Similarity 100.0%; Pred. No. 0.45;  
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CCGGACATCTCATCCACC 21  
|||||

DB 951 CCGGACATCTCATCCACC 971

## RESULT 2

US-08-456-647B-1/C  
Sequence 1, Application US/08456647B

Patent No. 5811516

GENERAL INFORMATION:

APPLICANT: Lemke Ph.D. et al., Greg E.

TITLE OF INVENTION: PROTEIN-TYROSINE KINASE GENES

NUMBER OF SEQUENCES: 54

CORRESPONDENCE ADDRESS:

ADDRESSEE: Fish & Richardson P.C.

STREET: 4225 Executive Square, Suite 1400

CITY: La Jolla

STATE: CA

COUNTRY: US

ZIP: 92037

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/456,647B

FILING DATE: 02-JUN-1995

CLASSIFICATION: 530

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/237,401

FILING DATE: 02-MAY-1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/884,486

FILING DATE: 15-MAY-1992

ATTORNEY/AGENT INFORMATION:

NAME: Wetherell Ph.D., John R.

REGISTRATION NUMBER: 31,678

REFERENCE/DOCKET NUMBER: 07251/007002

TELECOMMUNICATION INFORMATION:

TELEPHONE: (619) 678-5070

TELEFAX: (619) 678-5099

INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:

LENGTH: 165 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA

IMMEDIATE SOURCE:

CLONE: Tyro-1

FEATURE:

NAME/KEY: CDS

LOCATION: 1..165

US-08-456-647B-1

Query Match

Best Local Similarity 85.7%; Pred. No. 49;

Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 CCGGACATCTCATCCACC 21

DB 76 CCGGATCTCATCCACC 56

RESULT 3

US-08-237-401A-1/C

Sequence 1, Application US/08237401A

Patent No. 5837448

GENERAL INFORMATION:

APPLICANT: Lemke Ph.D. et al., Greg E.

TITLE OF INVENTION: PROTEIN-TYROSINE KINASE GENES

NUMBER OF SEQUENCES: 54

CORRESPONDENCE ADDRESS:

ADDRESSEE: Fish & Richardson P.C.

STREET: 4225 Executive Square, Suite 1400

CITY: La Jolla

STATE: CA

COUNTRY: US

ZIP: 92037

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US 08/237,401A

FILING DATE: 02-MAY-1994

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/884,486

FILING DATE: 15-MAY-1992

ATTORNEY/AGENT INFORMATION:

NAME: Haile Ph.D., Lisa A.

REGISTRATION NUMBER: 38,347

REFERENCE/DOCKET NUMBER: 07251/007001

TELECOMMUNICATION INFORMATION:

TELEPHONE: (619) 678-5070

TELEFAX: (619) 678-5099

INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:

LENGTH: 165 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA

IMMEDIATE SOURCE:

CLONE: Tyro-1

FEATURE:

NAME/KEY: CDS

LOCATION: 1..165

US-08-237-401A-1

Query Match

Best Local Similarity 85.7%; Pred. No. 49;

Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 CCGGACATCTCATCCACC 21

DB 76 CCGGATCTCATCCACC 56

RESULT 4

US-08-826-246-9/C

Sequence 9, Application US/08826246

Patent No. 6048709

GENERAL INFORMATION:

APPLICANT: Faib, Dean

TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR

TITLE OF INVENTION: THE TREATMENT AND DIAGNOSIS OF

NUMBER OF SEQUENCES: 44

CORRESPONDENCE ADDRESS:

ADDRESSEE: PENNIE & EDMONDS LLP

STREET: 1155 Avenue of the Americas

CITY: New York

STATE: NY

COUNTRY: USA

ZIP: 10036-2711

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM compatible

OPERATING SYSTEM: DOS

SOFTWARE: FASTSEQ Version 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/826,246

FILED DATE: 28-MAR-1997  
CLASSIFICATION: 800  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/799,910  
FILING DATE: 13-FEB-1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/011,787  
FILING DATE: 16-FEB-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Coruzzi, Laura A  
REGISTRATION NUMBER: 30,742  
REFERENCE/DOCKET NUMBER: 7853-078-999  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212)7909090  
TELEFAX: (212)8699741  
TELEX: 66141 PENNIE  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 1228 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: both  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
FEATURE:  
NAME/KEY: Coding Sequence  
LOCATION: 1..468  
OTHER INFORMATION:  
US-08-826-246-9

Query Match 77.1%; Score 16.2; DB 3; Length 1228;  
Best Local Similarity 85.7%; Pred. No. 57;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 CCGGACATCCTCATCCACC 21  
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DB 952 CCGGAGCTCTCCACCACC 932

RESULT 5  
US-08-944-495-9/C  
Sequence 9, Application US/08944495  
Patent No. 6087477  
GENERAL INFORMATION:  
APPLICANT: Faib, Dean  
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR  
THE TREATMENT AND DIAGNOSIS OF  
TITLE OF INVENTION: CARDIOVASCULAR DISEASE  
NUMBER OF SEQUENCES: 44  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: PENNIE & EDMONDS LLP  
STREET: 1155 Avenue of the Americas  
CITY: New York  
STATE: NY  
COUNTRY: USA  
ZIP: 10036-2711  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FASTSEQ Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/944,495  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/799,910  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Coruzzi, Laura A  
REGISTRATION NUMBER: 30,742  
REFERENCE/DOCKET NUMBER: 7853-067-999  
TELECOMMUNICATION INFORMATION:

TELEPHONE: (212)7909090  
TELEFAX: (212)8699741  
TELEX: 66141 PENNIE  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 1228 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: both  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
FEATURE:  
NAME/KEY: Coding Sequence  
LOCATION: 1..468  
OTHER INFORMATION:  
US-08-944-495-9

Query Match 77.1%; Score 16.2; DB 3; Length 1228;  
Best Local Similarity 85.7%; Pred. No. 57;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 CCGGACATCCTCATCCACC 21  
||||| ||||| |||||  
DB 952 CCGGAGCTCTCCACCACC 932

RESULT 6  
US-09-126-640-5/C  
Sequence 5, Application US/09126640A  
Patent No. 6099823  
GENERAL INFORMATION:  
APPLICANT: Faib, Dean A.  
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE  
TREATMENT AND DIAGNOSIS OF CARDIOVASCULAR DISEASE  
FILE REFERENCE: 7853-126  
CURRENT APPLICATION NUMBER: US/09/126,640A  
CURRENT FILING DATE: 1998-07-30  
EARLIER APPLICATION NUMBER: 08/870,434  
EARLIER FILING DATE: 1997-06-06  
EARLIER APPLICATION NUMBER: 08/799,910  
EARLIER FILING DATE: 1997-02-13  
EARLIER APPLICATION NUMBER: 60/011,787  
EARLIER FILING DATE: 1996-02-16  
NUMBER OF SEQ ID NOS: 44  
SOFTWARE: FASTSEQ for Windows Version 4.0  
SEQ ID NO 5  
LENGTH: 1228  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-126-640-5

Query Match 77.1%; Score 16.2; DB 3; Length 1228;  
Best Local Similarity 85.7%; Pred. No. 57;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 CCGGACATCCTCATCCACC 21  
||||| ||||| |||||  
DB 952 CCGGAGCTCTCCACCACC 932

RESULT 7  
US-08-925-588-9/C  
Sequence 9, Application US/08925588  
Patent No. 6221628  
GENERAL INFORMATION:  
APPLICANT: Faib, Dean  
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR  
THE TREATMENT AND DIAGNOSIS OF  
CARDIOVASCULAR DISEASE  
NUMBER OF SEQUENCES: 44  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: PENNIE & EDMONDS LLP

STREET: 1155 Avenue of the Americas  
CITY: New York  
STATE: NY  
COUNTRY: USA  
ZIP: 10036-2711  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FASTSEQ Version 2.0  
CURRENT APPLICATION DATA: US/08/925,588  
APPLICATION NUMBER: US/08/925,588  
FILING DATE: 08-Sep-1997  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/799,910  
FILING DATE: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: Coruzzi, Laura A  
REGISTRATION NUMBER: 30,742  
REFERENCE/DOCKET NUMBER: 7853-067-999  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212)7909090  
TELEFAX: (212)869741  
TELEX: 66141 PENNIE  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 1228 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: both  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
FEATURE:  
NAME/KEY: Coding Sequence  
LOCATION: 1..468  
OTHER INFORMATION:  
SEQUENCE DESCRIPTION: SEQ ID NO: 9:  
US-08-925-588-9

Query Match 77.1%; Score 16.2; DB 4; Length 1228;  
Best Local Similarity 85.7%; Pred. No. 57;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 1 CCGGACATCCTCATCCACC 21  
||||| ||||| |||||  
DB 952 CCGGACGCTCTCCACC 932

RESULT 8  
US-08-998-416-682  
Sequence 682, Application US/08998416  
Patent No. 6239264  
GENERAL INFORMATION:  
APPLICANT: Philippsen, Peter  
APPLICANT: Pohlmann, Rainer  
APPLICANT: Steiner, Sabine  
APPLICANT: Mohr, Christine  
APPLICANT: Wendland, Jürgen  
APPLICANT: Knechtle, Philipp  
APPLICANT: Redischung, Corline  
TITLE OF INVENTION: GENOMIC DNA SEQUENCES OF ASHBYA GOSYPYII  
NUMBER OF SEQUENCES: 1152  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: No. 6239264artis Corporation  
STREET: 3054 Cornwallis Road  
CITY: Research Triangle Park  
STATE: No. 6239264th Carolina  
COUNTRY: USA  
ZIP: 27709  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/998,416  
FILING DATE: 24-DEC-1997  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: CH 0016/97  
FILING DATE: 31-DEC-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Weigs, J. Timothy  
REGISTRATION NUMBER: 38,241  
REFERENCE/DOCKET NUMBER: PF/5-30306/A/CGC1976  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 919-541-8587  
TELEFAX: 919-541-8689  
INFORMATION FOR SEQ ID NO: 682:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 718 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
ORIGINAL SOURCE:  
ORGANISM: PAG1452UP  
US-08-998-416-682

Query Match 75.2%; Score 15.8; DB 4; Length 718;  
Best Local Similarity 89.5%; Pred. No. 82;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 1 CCGGACATCCTCATCCAC 19  
||||| ||||| |||||  
DB 162 CTGGACATCCTCATCCAC 180

RESULT 9  
US-08-461-775-8  
Sequence 8, Application US/08461775  
Patent No. 5858773  
GENERAL INFORMATION:  
APPLICANT: MAZODIER, Philippe  
APPLICANT: GUGLIEMI, Gerard  
TITLE OF INVENTION: REGULATORY NUCLEOTIDE SEQUENCE OF THE  
INITIATION OF TRANSCRIPTION  
NUMBER OF SEQUENCES: 15  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Burns, Doane, Swecker & Mathis  
STREET: George Mason Bldg., Washington & Prince Sts.  
CITY: Alexandria  
STATE: Virginia  
COUNTRY: United States  
ZIP: 22313-1404  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/461,775  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/050,313  
FILING DATE: 10-MAY-1993  
APPLICATION NUMBER: FR 9011186  
FILING DATE: 10-SEP-1990  
ATTORNEY/AGENT INFORMATION:  
NAME: Crane-Feary, Sharon E  
REGISTRATION NUMBER: 36,113  
REFERENCE/DOCKET NUMBER: 010830-035

```

? TELECOMMUNICATION INFORMATION
? TELEPHONE: (703) 836-6620
?
? TELEFAX: (703) 836-2021
?
? INFORMATION FOR SEQ ID NO: 8:
?
? SEQUENCE CHARACTERISTICS:
?
? LENGTH: 1320 base pairs
?
? TYPE: nucleic acid
?
? STRANDEDNESS: double
?
? TOPOLOGY: linear
?
? MOLECULE TYPE: DNA (genomic)
?
? FEATURE:
?
? NAME/KEY: CDS
?
? LOCATION: 1..1320
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US-08-461-775-8

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Query Match	72.4%	Score 15.2;	DB 2;	Length 1320;
Best Local Similarity	85.0%	Pred. No. 1.6e+02;		
Matches 17; Conservative	0;	Mismatches 3;	Indels 0;	Gaps 0;

QY 1 CCGGACATCTCATCCACC 20  
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 Db 645 CCGGTACATCCTGATCCACC 664

RESULT 10  
US-09-031-606-8  
; Sequence 8, Application US/09031606

GENERAL INFORMATION:  
APPLICANT: MAZODIER, Philippe  
APPLICANT: GUGLIMI, Gerard  
TITLE OF INVENTION: REGULATORY NUCLEOTIDE SEQUENCE OF THE  
TITLE OF INVENTION: INITIATION OF TRANSCRIPTION  
NUMBER OF SEQUENCES: 15  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Burns, Doane, Swecker & Mathis  
STREET: George Mason Bldg., Washington & Prince Sts.

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CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/050,313  
FILING DATE: 10-MAY-1993  
APPLICATION NUMBER: FR 9011186

? FILING DATE: 10-SEP-1990  
 ? ATTORNEY/AGENT INFORMATION:  
 ? NAME: Crane-Peury, Sharon E  
 ? REGISTRATION NUMBER: 36,113  
 ? REFERENCE/DOCKET NUMBER: 010830-035  
 ? TELECOMMUNICATION INFORMATION:  
 ? TELEPHONE: (703) 836-6620  
 ? TELEFAX: (703) 836-2021  
 ? INFORMATION FOR SEQ ID NO: 8:  
 ? SEQUENCE CHARACTERISTICS:

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; LENGTH: 1320 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:

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; NAME/KEY: CDS
; LOCATION: 1..1320
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US-09-031-606-8

Query Match	72.4%	Score 15.2;	DB 3;	Length 1320;
Best Local Similarity	85.0%;	Pred. No. 1.6e+02;		
Matches 17; Conservative	0;	Mismatches 3;	Indels 0;	Gaps 0

QY 1 CCGGACATCCTCATCCACC 20  
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 Db 645 CCGTACATCCTGATCCACC 664

RESULT 11  
US-09-292-768-5  
; Sequence 5, Application US/09292768  
; Patent No. 6104105

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; GENERAL INFORMATION:
;
; APPLICANT: Croteau, Rodney E
;
; APPLICANT: Lupien, Shari L
;
; APPLICANT: Karn, Frank

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; ORGANISM: Mentha piperita
;
; FEATURE:
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; NAME/KEY: CDS
;
; LOCATION: (1)..(1494)
;
US-09-292-768-5

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Query Match	72.4%;	Score 15.2;	DB 4;	Length 1515;
Best Local Similarity	85.0%;	Pred. No. 1.6e+02;		
Matches 17; Conservative	0;	Mismatches 3;	Indels 0;	Gaps 0

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Db 902 ctgagacatcctaaccacc 921

RESULT 12  
US-08-461-775-10  
; Sequence 10, Application US/08461775  
; Patent No. 5858773  
; GENERAL INFORMATION:

1 GENERAL INFORMATION: 2  
3 APPLICANT: MAZODIER, Philippe 4  
5 APPLICANT: GUGLIELMI, Gerard 6  
7 TITLE OF INVENTION: REGULATORY NUCLEOTIDE SEQUENCE OF THE 8  
9 TITLE OF INVENTION: INITIATION OF TRANSCRIPTION 10  
11 NUMBER OF SEQUENCES: 15 12  
13 CORRESPONDENCE ADDRESS: 14

ADDRESS: Burns, Doane, Swecker & Mathis  
STREET: George Mason Bldg., Washington & Prince Sts  
CITY: Alexandria  
STATE: Virginia  
COUNTRY: United States  
ZIP: 22313-1404

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CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/050,313  
FILING DATE: 10-MAY-1993  
APPLICATION NUMBER: FR 9011186  
FILING DATE: 10-SEP-1990  
ATTORNEY/AGENT INFORMATION:  
NAME: Crane-Feury, Sharon E  
REGISTRATION NUMBER: 36,113  
REFERENCE/DOCKET NUMBER: 010830-035  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703) 836-6620  
TELEFAX: (703) 836-2021  
INFORMATION FOR SEQ ID NO: 10:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 1620 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 1..1620  
US-08-461-775-10

Query Match 72.4%; Score 15.2; DB 2; Length 1620;  
Best Local Similarity 85.0%; Pred. No. 1.6e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 CCGGACATCCTCATCCACC 20  
11111111111111111111  
DB 645 CCGGTACATCCTGATCCACC 664

RESULT 13  
US-09-031-606-10  
Sequence 10, Application US/09031606  
Patent No. 6153404  
GENERAL INFORMATION:  
APPLICANT: MAZODIER, Philippe  
APPLICANT: GUGLIEMI, Gerard  
TITLE OF INVENTION: REGULATORY NUCLEOTIDE SEQUENCE OF THE  
TITLE OF INVENTION: INITIATION OF TRANSCRIPTION  
NUMBER OF SEQUENCES: 15  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Burns, Doane, Swecker & Mathis  
STREET: George Mason Bldg., Washington & Prince Sts.  
CITY: Alexandria  
STATE: Virginia  
COUNTRY: United States  
ZIP: 22313-1404  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/031,606  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/050,313  
FILING DATE: 10-MAY-1993  
APPLICATION NUMBER: FR 9011186  
FILING DATE: 10-SEP-1990  
ATTORNEY/AGENT INFORMATION:  
NAME: Crane-Feury, Sharon E  
REGISTRATION NUMBER: 36,113  
REFERENCE/DOCKET NUMBER: 010830-035  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703) 836-6620  
TELEFAX: (703) 836-2021

INFORMATION FOR SEQ ID NO: 10:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 1620 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 1..1620  
US-09-031-606-10

Query Match 72.4%; Score 15.2; DB 3; Length 1620;  
Best Local Similarity 85.0%; Pred. No. 1.6e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 CCGGACATCCTCATCCACC 20  
11111111111111111111  
DB 645 CCGGTACATCCTGATCCACC 664

RESULT 14  
US-08-881-784-8  
Sequence 8, Application US/08881784  
Patent No. 6083731  
GENERAL INFORMATION:  
APPLICANT: Croteau, Rodney B.  
APPLICANT: Lupien, Shari L.  
APPLICANT: Karp, Frank  
TITLE OF INVENTION: RECOMBINANT MATERIALS AND METHODS FOR  
TITLE OF INVENTION: THE PRODUCTION OF LIMONENE HYDROXYLASES  
NUMBER OF SEQUENCES: 58  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Christensen, O'Connor, Johnson and Kindness  
ADDRESS: PLIC  
STREET: 1420 Fifth Avenue, Suite 2800  
CITY: Seattle  
STATE: WA  
COUNTRY: USA  
ZIP: 98101  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/881,784  
FILING DATE:  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Shelton, Dennis K.  
REGISTRATION NUMBER: 26,997  
REFERENCE/DOCKET NUMBER: WSUR19777  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (206) 224-0718  
TELEFAX: (206) 224-0779  
INFORMATION FOR SEQ ID NO: 8:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 1665 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
ORIGINAL SOURCE:  
ORGANISM: Mentha x piperita  
IMMEDIATE SOURCE:  
CLONE: pPM17  
US-08-881-784-8

Query Match 72.4%; Score 15.2; DB 3; Length 1665;  
Best Local Similarity 85.0%; Pred. No. 1.6e+02;

Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
 QY 1 CCGGACATCTCATCCACC 20  
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 Db 926 CCGAGACATCATCAACCACC 945

RESULT 15  
 US-09-292-768-3  
 ; Sequence 3, Application US/09292768  
 ; Patent No. 6194185  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Croteau, Rodney B  
 ; APPLICANT: Lupien, Shari L  
 ; APPLICANT: Karp, Frank  
 ; TITLE OF INVENTION: LIMONENE HYDROXYLASES  
 ; FILE REFERENCE: \*USU13463  
 ; CURRENT APPLICATION NUMBER: US/09/292,768  
 ; CURRENT FILING DATE: 1999-04-14  
 ; EARLIER APPLICATION NUMBER: 08/881,784  
 ; EARLIER FILING DATE: 1997-06-24  
 ; NUMBER OF SEQ ID NOS: 70  
 ; SOFTWARE: PatentIn Ver. 2.0  
 ; SEQ ID NO 3  
 ; LENGTH: 1665  
 ; TYPE: DNA  
 ; ORGANISM: Mentha piperita  
 ; FEATURE:  
 ; NAME/KEY: CDS  
 ; LOCATION: (19)..(1518)  
 US-09-292-768-3

Query Match 72.4%; Score 15.2; DB 4; Length 1665;  
 Best Local Similarity 85.0%; Pred. No. 1.6e+02;  
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
 QY 1 CCGGACATCTCATCCACC 20  
 ||| ||||| ||| |||||  
 Db 926 CCGAGACATCATCAACCACC 945

Search completed: September 23, 2001, 07:40:57  
 Job time: 16317 sec

